

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6654049").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/18 13:05
L2	1	1 and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:08
L3	1	1 and averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:09
L4	0	1 and subpixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:09
L5	1	1 and sub-pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 13:10
S1	5	"2794880"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 09:06
S2	3	"0613020"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 09:07
S3	10	"613020"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 09:08
S4	2	("5892546").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 09:08
S5	51	(348/208.6).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 10:56
S6	15	((348/208.6).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 09:40
S7	330	(382/294).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 09:40

## EAST Search History

S8	150	((382/294).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:01
S9	14092	color near2 match\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:07
S10	9088	image near2 stabiliz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:58
S11	2	(color near2 match\$3) same (image near2 stabiliz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:05
S12	117	(color near2 match\$3) and (image near2 stabiliz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:06
S13	21880	align\$4 near4 image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:43
S14	18126	color near5 match\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:07
S15	48	(align\$4 near4 image) same (color near5 match\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:11
S16	1257	(align\$4 near4 image) with color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:11
S17	49406	"348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:12
S18	35728	"382"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:12
S19	228	((align\$4 near4 image) with color) and ("348"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:12
S20	198	((align\$4 near4 image) with color) and ("348"/\$.ccls. or "382"/\$.ccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:13

## EAST Search History

S21	2	("6128108").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 10:13
S22	5941	align\$4 near4 pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:48
S23	90	(348/208.99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 10:49
S24	71	(348/208.99).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 10:54
S25	15152	(image near2 stabiliz\$5) samd (align\$4 near4 pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:54
S26	9	(image near2 stabiliz\$5) same (align\$4 near4 pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:54
S27	2	((348/208.6).CCLS.) and (align\$4 near4 pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 10:57
S28	32	((382/294).CCLS.) and (align\$4 near4 pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 11:11
S29	204	(382/295).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:09
S30	22	("4675532"   "4937666"   "4979738"   "5144423"   "5263135"   "5276513"   "5278915"   "5321748"   "5518497"   "5534925"   "5566674"   "5627915"   "5629988"   "5635994"   "5657402"   "5717793"   "5784175"   "5909657"   "5920657"   "5963675"   "6037988"   "6173089").PN.	USPAT	OR	ON	2003/05/31 11:12
S31	17	"5629988".URPN.	USPAT	OR	ON	2003/05/31 11:19
S32	144	align\$4 with pixel with ("same" or similar) with color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:12
S33	105	align\$4 with pixel with ("same" or similar) with color	USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:24

## EAST Search History

S34	2	"5796427".URPN.	USPAT	OR	ON	2003/05/31 12:28
S35	8	("4403250"   "4901143"   "5099323"   "5164824"   "5227889"   "5282044"   "5469210"   "5648815").PN.	USPAT	OR	ON	2003/05/31 12:28
S36	7	("4418360"   "4527201"   "4589031"   "4599653"   "4660092"   "4717958"   "4794459").PN.	USPAT	OR	ON	2003/05/31 12:29
S37	7	("4418360"   "4527201"   "4589031"   "4599653"   "4660092"   "4717958"   "4794459").PN.	USPAT	OR	ON	2003/05/31 12:29
S38	14	"5060074".URPN.	USPAT	OR	ON	2003/05/31 12:29
S39	12	"4864409".URPN.	USPAT	OR	ON	2003/05/31 12:32
S40	4	("5469274"   "5627905"   "5629988"   "6104438").PN.	USPAT	OR	ON	2003/05/31 12:34
S41	2	"6211913".URPN.	USPAT	OR	ON	2003/05/31 12:35
S42	1	"6122004".URPN.	USPAT	OR	ON	2003/05/31 12:36
S43	11	("5099323"   "5497191"   "5526044"   "5596365"   "5617138"   "5629988"   "5691471"   "5796427"   "5995141"   "6047134"   "6049354").PN.	USPAT	OR	ON	2003/05/31 12:36
S44	28	348/208.4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:44
S45	7	348/208.4 and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:44
S46	13	(348/208.12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:45
S47	6	(348/208.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:46
S48	93	(348/716).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:46
S49	89	(348/716).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:46
S50	88	(348/170).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:56

## EAST Search History

S51	18	((348/170).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:56
S52	38	(348/172).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 12:56
S53	10	((348/172).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 12:57
S54	573	(382/165).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:00
S55	21	((382/165).CCLS.) and stabiliz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:00
S56	118	(382/255).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:00
S57	53	((382/255).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:06
S58	587	(382/275).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:01
S59	461	(382/275).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:02
S60	2844125	motion or movement or align\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:03
S61	461	((382/275).CCLS.) and ((382/275).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:03
S62	171	((382/275).CCLS.) and (motion or movement or align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:05

## EAST Search History

S63	271	(382/293).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:05
S64	260	(382/293).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/31 13:05
S65	94	((382/293).CCLS.) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/31 13:06
S66	57	(348/208.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 15:46
S67	377	(382/294).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 15:57
S68	91	(348/208.99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/18 16:06
S69	217	(382/295).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/20 12:25
S70	2	("3952151").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/20 12:27
S71	8	("2839974"   "2967211"   "3026765"   "3054854"   "3294903"   "3314075"   "3446553"   "3576368").PN.	USPAT	OR	ON	2003/06/20 12:25
S72	11	"3952151".URPN.	USPAT	OR	ON	2003/06/20 12:25
S73	2	("5030984").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/20 12:29
S74	12	"5030984".URPN.	USPAT	OR	ON	2003/06/20 12:27
S75	2	("5053876").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/20 12:33

## EAST Search History

S76	15	"5053876".URPN.	USPAT	OR	ON	2003/06/20 12:29
S77	26	villecco.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/20 12:33
S78	1	("6654049").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 08:40
S79	101	(348/208.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 13:32
S80	364	(348/208.99,208.4,208.12,208.13). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 13:54
S81	140	S80 and (color or hue or tone of chroma\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 13:37
S82	131	S80 and (color or hue or tone or chroma\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 13:54
S83	855	(348/169,170,172).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 13:57
S84	403	S83 and (color or hue or tone or chroma\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 13:56
S85	6	S83 and ((color or hue or tone or chroma\$7) with align\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:01
S86	127	(348/716).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:00
S87	989	(382/294,295).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:22
S88	47	S87 and ((color or hue or tone or chroma\$7) with align\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:23
S89	2494	(382/165,255,275,293).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:22
S90	64	S89 and ((color or hue or tone or chroma\$7) with align\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:37

## EAST Search History

S91	12002	(register\$4 or align\$6) with image with (color or tone or hue or chroma\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:46
S92	6428	((register\$4 or align\$6) near4 image) with (color or tone or hue or chroma\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:46
S93	217214	"348"/\$.ccls. or "382"/\$.ccls. or "358"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:04
S94	1579	S92 and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:04
S95	817	((register\$4 or align\$6) near4 image) with (color or tone or hue or chroma\$7)) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:05
S96	434	S93 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 15:05
S97	1218	(register\$4 or align\$6) with image with (color or tone or hue or chroma\$7)	EPO; JPO; IBM_TDB	OR	ON	2007/05/17 15:46
S98	523	((register\$4 or align\$6) near4 image) with (color or tone or hue or chroma\$7)	EPO; JPO; IBM_TDB	OR	ON	2007/05/17 15:48
S99	208	((align\$6) near4 image) with (color or tone or hue or chroma\$7)	EPO; JPO; IBM_TDB	OR	ON	2007/05/18 13:05